

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A data transfer control device for data transfer through a bus, comprising:

a circuit which is connected to a first bus, the first bus being connectable to a first device; performs data transfer through a first bus, the first bus transferring data conforming to a first interface standard;

an interface circuit which is connectable to a second bus, the second bus being connectable to a second device; performs interface processing with a device connected to a second bus, the second bus transferring data conforming to a second interface standard;

a non-volatile memory which stores at least one of device information and data transfer control program information;

a rewriter which loads and writes information transferred through the first bus into a rewrite area of the non-volatile memory; and

a rewriter activation section which causes, the rewriter activation section activating the rewriter to start processing when the second bus is detected to have no connection to any device,

the rewriter loading and writing information transferred from the first device through the first bus into a rewrite area of the non-volatile memory when the rewriter is activated by the rewriter activation section,

when the second bus is detected to have a connection to the second device, the circuit performing packet transfer through the first bus conforming to a first interface standard and the interface circuit performing interface processing with the second device conforming to a second interface standard.

2. (Currently Amended) The data transfer control device as defined in claim 1, wherein the detection of whether or not the second bus is connected to at the second device is based on the result of an access to a register of the second device.

3. (Currently Amended) The data transfer control device as defined in claim 1, wherein the rewriter writes information into the rewrite area by performing data transfer between the data transfer control device and at the first device connected to the first bus in a mode of loading information to the rewrite area.

4. (Currently Amended) The data transfer control device as defined in claim 1, wherein data transferred from at the first device through the first bus is transferred to at the second device through the second bus, and data transferred from the second device through the second bus is transferred to the first device through the first bus, in an ordinary operating mode that differs from a mode of loading information to the rewrite area.

5. (Original) The data transfer control device as defined in claim 1, wherein the device information includes identification information that is specific to an electronic instrument in which the data transfer control device is embedded.

6. (Original) The data transfer control device as defined in claim 1, wherein the non-volatile memory has an area in which is stored information for indicating whether or not the data transfer control program information has been written correctly into the rewrite area.

7. (Original) The data transfer control device as defined in claim 1, wherein: the non-volatile memory has an area in which is stored rewriter processing setting information for setting whether processing by the rewriter is enabled or disabled; and the rewriter processing setting information is set to enabled in an initial state but is set to disabled at the end of processing by the rewriter.

8. (Canceled)
 9. (Original) An electronic instrument comprising:
the data transfer control device as defined in claim 1; and
a second device connected to the second bus.
- 10-14. (Canceled)